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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number 09/388,509

Filing Date September 2, 1999

First Named Inventor Yasushi Maruta

Art Unit 2734

Examiner Name Not Yet Assigned

Attorney Docket Number S1905.0086/P086

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DAW	AA	5,548,813	08-20-1996	Charas et al.	
DAW	AB	4,748,682	05-31-1998	Fukae et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
DAW	BA	JP-10-051215 (w/ English Abstract)	02-20-1998	Nippon Telegr & Teleph corp.		
DAW	BB	EP-0744841	11-27-1996	Sony Corporation		
DAW	BC	EP-0715478	06-05-1996	Texas Instruments Inc.		

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Japanese Office Action issued April 9, 2002	
DAW	CB	European Search Report issued 10/24/00 in a related application (English)	
DAW	CC	Patent Abstracts of Japan, vol. 1998, no. 11, 30 September 1998 and JP 10-174160 A (NTT IDO TSUSHINMO KK), 26 June 1993 *abstract*	
DAW	CD	Patent Abstracts of Japan, vol. 1996, no. 06, 28 June 1996 & JP 08-032347 A (Nippon Ido Tsushin KK: others: 01), 2 February 1996, *abstract*	

Examiner Signature	<i>Demetrius Williams</i>	Date Considered	1/10/03
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